Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number).
Keep this manual and the receipt in a safe and dry place for future reference.

PITTSBURGH® AUTOMOTIVE

ITEM 61666

Radiator Pressure Test Kit

REV 13k

Visit our website at: http://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Important Safety Information

1. **TO PREVENT STEAM BURNS, DO NOT OPEN CAP OF HOT OR WARM RADIATOR.**
2. **Pressurize only with hand pump. Do not use engine to pressurize system.**
3. Loosen the radiator cap slowly.
4. Keep away from hot engine parts and fluids.
5. Use this product only according to these instructions. Improper use can create hazards.
6. Wear ANSI-approved safety goggles and heat resistant work gloves during product assembly and use.
7. Refer to the vehicle's service manual for specific radiator pressure testing instructions before use.
8. Clean up coolant spills immediately. Dispose of fluids according to local, state, and federal codes and regulations.
9. Keep work area clean and well lit.
10. Do not overreach. Keep proper footing and balance at all times. This enables better control of the product in unexpected situations.
11. Keep bystanders out of the area during assembly and use.
12. Do not assemble or operate when tired or when under the influence of drugs or medication.
13. This product is not a toy. Do not allow children to play with or near this product.
14. Use as intended only.
15. Inspect before every use. Do not use if parts missing or damaged.
16. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

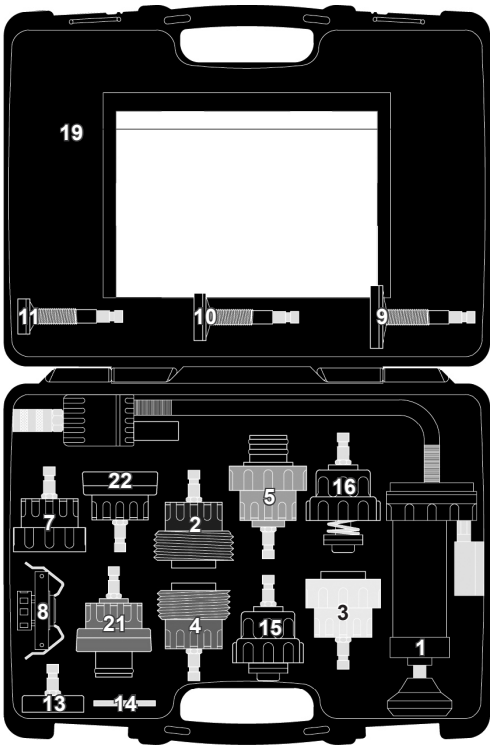
Operating Instructions

1. Refer to the vehicle's service manual for specific radiator pressure testing instructions.
2. Loosen the vehicle's radiator cap slowly to relieve any excess pressure before removing the cap completely. Do not open the cap of a hot radiator.
3. Select the Proper Adapter and configuration of the Stationary Seat accessories. Securely attach the adapter to the filler neck of the radiator or expansion tank.
4. Attach the Quick Connector of the Hand Pump onto the Adapter.
5. Rapidly pump the Hand Pump while watching the pressure gauge. Pressurize the radiator up to the optimal pressure only - Do not overpressurize the radiator. Readings normally range 12 ~15 PSI. If the pressure level is too low, there may be a leak in the radiator or hose.
6. Once the test is complete, release the air pressure by pressing the Pressure Release Valve on the Hand Pump. Then disconnect the Quick Coupler and Adapter assembly.
7. Store the Kit in its Case in a clean, dry, safe location out of reach of children.

Parts List and Diagram

Part	Description	Function*
1	Pump	
2	Blue Adapter	Skoda®, SAAB®, Ford®, Daewoo®, Audi® A4, A5, A6
3	Yellow Adapter	Skoda, Seat®, Audi, Opel®, VW®, Ford
4	Red Adapter	Seat, Alfa Romeo®, Audi, BMW®
5	Orange Adapter	Land Rover®, BMW
7	Adapter	Lancia®, Volvo®, Land Rover®, Renault®, Peugeot®, Opel®, Honda®, Fiat®, Citroen®, Audi, VW®
8	Adjustable Seat	Toyota®, Suzuki®, Nissan®, Mitsubishi®, Mercedes®, Chrysler®, Citroen
9	50mm Seat	Use with item 8 for Japanese and European cars
10	35mm Seat	Use with item 8 for Japanese and European cars including: Suzuki, Nissan, Mitsubishi, Chrysler, Citroen, Mercedes
11	27mm Seat	Use with item 8 for Japanese and European cars including: Toyota, Suzuki, Nissan
13	Adapter	Kia®
14	Clip	Use with adapters and seat accessories for: Toyota, Suzuki, Mitsubishi, Nissan
15	Adapter	Honda, Toyota
16	Adapter	Opel, Hyundai®, Honda, Mitsubishi, Ford, Nissan, Mazda®, Toyota
21	Green Adapter	GM®
22	Adapter	GM, Ford
19	Case	

***Note:** Kit may work for only some models under each indicated make.



Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

PLEASE READ THE FOLLOWING CAREFULLY

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To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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